

Message

From: Qazzaz, Bilal [qazzaz.bilal@epa.gov]
Sent: 6/8/2017 1:11:59 PM
To: WICKER, JOHN [JWICKER@idem.IN.gov]; Compher, Michael [compher.michael@epa.gov]
CC: Zeiler, Dick [DZEILER@idem.IN.gov]; Lengerich, Steve [SLENGERI@idem.IN.gov]; PARKS, JAMES [JPARKS@idem.IN.gov]
Subject: RE: EPA is seeking comment on the attached DRAFT version of AQS flagging guidance for ozone

John,

Thanks for your comments and questions on the draft flagging guidance.

We're still in the early stages of the draft though below I try to answer your questions.

Bilal Qazzaz | U.S. Environmental Protection Agency R5
Air & Radiation Division | Air Monitoring and Analysis
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From: WICKER, JOHN [mailto:JWICKER@idem.IN.gov]
Sent: Wednesday, June 07, 2017 11:01 AM
To: Compher, Michael <compher.michael@epa.gov>; Qazzaz, Bilal <qazzaz.bilal@epa.gov>
Cc: Zeiler, Dick <DZEILER@idem.IN.gov>; Lengerich, Steve <SLENGERI@idem.IN.gov>; PARKS, JAMES <JPARKS@idem.IN.gov>
Subject: FW: EPA is seeking comment on the attached DRAFT version of AQS flagging guidance for ozone

In scenario 1:

I agree that data is invalid from a valid QC check that exceeded the limit back to the last QC check that passed, with no other evidence such as a span, cal, audit. I also agree that if a valid QC check exceeds the limit, and you run a daily span, which does pass, then data collected before the span back to the last passing QC check is valid, but is flagged "1V". Also agree data after the span to the QC check that didn't meet limits is invalid.

In scenario 2 and 3:

1. Will EPA police the reporting agencies to make sure they actually had an invalid QC point run; in other words if I don't run a QC check what keeps me from just reporting the IC null code? IC is not a null code. It's a qualifier that's associated with a QC check that was determined to be invalid (meaning there was some issue with QC system and not the analyzer). The intent is that IC qualifiers will show up on an AMP350, 251, and 504 and would be reviewed during monthly/quarterly call or TSAs. Additionally, regional concurrence is required during annual data certification for any data flagged with a 1V in which the invalid check in question would be reviewed as well. I am not sure on this one.
2. If the QC check is bogus, why would you need to add a flag to the valid data? I am not in favor of this one.

One other item: If the zero and span are used for data validity (fall under critical criteria), why is there not a place in AQS to report these? I understand there is renewed effort to provide place to report these checks to AQS.

John Wicker
Section Chief
Quality Assurance Section
Air Monitoring Branch

From: Compher, Michael [<mailto:compher.michael@epa.gov>]

Sent: Friday, June 02, 2017 1:03 PM

To: kilmers@michigan.gov; rick.strassman@state.mn.us; luke.charpentier_state.mn.us

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Subject: EPA is seeking comment on the attached DRAFT version of AQS flagging guidance for ozone

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State monitoring and QA managers,

In relation to the discussions we have had with all of you about your ozone QC checks and data, EPA has developed the attached draft document and are seeking your input. This draft process is not ready to implemented, nor has AQS been modified to add this capability. The document is specific to ozone, but the technique could be expected to apply to all the criteria pollutants. Please send any comments or questions on this approach to myself and Bilal Qazzaz by COB, Friday, June, 9th. We will compile the Region's comments and provide them to OAQPS.

Thanks and have a good weekend,

- Michael

Michael Compher
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Region 5 Air and Radiation Division
U.S. Environmental Protection Agency
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